

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is described and claimed and for which a patent is sought on the invention entitled:

AN AUTOMATIC CONTROL AND MONITORING SYSTEM FOR SPLICE  
OVERLAPPING TOLERANCE IN TEXTILE PLY

the specification of which was filed on August 29, 2003 as Application No.  
PCT/PT2003/000012.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein. I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigned more than twelve months prior to this application.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

☐ no such foreign applications have been filed

☒ such foreign application have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
102835	PT	September 3, 2002	<u>  x  </u> Yes No <u>      </u>
			<u>      </u> Yes No <u>      </u>
			<u>      </u> Yes No <u>      </u>

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Application Number	Country	Date of Filing

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS**

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

☒ no such U.S. provisional applications have been filed.

☐ such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
		<u>      </u> Yes No <u>      </u>
		<u>      </u> Yes No <u>      </u>
		<u>      </u> Yes No <u>      </u>

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)**

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

☒ no such U.S./PCT applications have been filed.

☐ such U.S./PCT application have been filed as follows:

Application Number	Date of Filing	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


I hereby appoint the practitioners under Customer Number

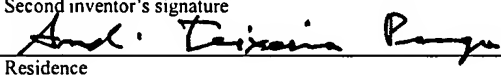
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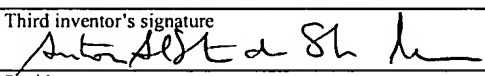
jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

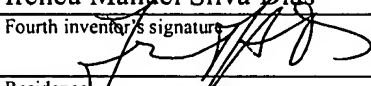
Please mail all correspondence to **Customer Number 07278**, whose address is:

**Darby & Darby P.C.**  
P.O. Box 5257  
New York, New York 10150-5257

Full name of sole or first inventor <b>Nuno Filipe Martins Silva</b>	
Sole or first inventor's signature 	Date <b>01/03/2005</b>
Residence <b>Abade Neiva, Portugal</b>	
Citizenship <b>Portugal</b>	
Mailing Address <b>Lugar do Barreiro, lote 97 Encosta do Sardoal 4750-001 Abade Neiva PORTUGAL</b>	

Full name of second inventor, if any <b>Andre Teixeira Puga</b>	
Second inventor's signature 	Date <b>2005/04/30</b>
Residence <b>Vila Nova de Gaia, Portugal</b>	
Citizenship <b>Portugal</b>	
Mailing Address <b>Praceta S. Tome e Principe, no 90, hab. 5.3 4430 Vila Nova de Gaia PORTUGAL</b>	

Full name of third inventor, if any <b>Antonio Alberto da Silva Maia</b>	
Third inventor's signature 	Date <b>2005/04/30</b>
Residence <b>S. Mamede Da Infesta, Portugal</b>	
Citizenship <b>Portugal</b>	
Mailing Address <b>Rua Campo Longo, no. 7 4465-048 S. Mamede Da Infesta PORTUGAL</b>	

Full name of fourth inventor, if any <b>Ireneu Manuel Silva Dias</b>	
Fourth inventor's signature 	Date <b>2005/02/05</b>
Residence <b>Senhora da Hora, Portugal</b>	
Citizenship <b>Portugal</b>	
Mailing Address <b>Rua E, 29, 1 Esq. Urbanizacao Pinhais Bastos 4460-210 Senhora da Hora PORTUGAL</b>	

Full name of fifth inventor, if any Agostinho Jose Barbosa Ferreira	
Fifth inventor's signature <i>Agostinho Jose Barbosa Ferreira</i>	Date 24 <sup>05</sup> 2005
Residence Senhora da Hora, Portugal	
Citizenship Portugal	
Mailing Address Praceta Amorim de Carvalho, 163, 7 Dto. 4460-210 Senhora da Hora PORTUGAL	

Full name of sixth inventor, if any Filipe de Sousa Pinto	
Sixth inventor's signature <i>Filipe de Sousa Pinto</i>	Date 2005/02/05
Residence S. Mamede de Infesta, Portugal	
Citizenship Portugal	
Mailing Address rua da Arada, 73 4465-048 S. Mamede de Infesta PORTUGAL	

Full name of seventh inventor, if any	
Seventh inventor's signature	Date
Residence	
Citizenship	
Mailing Address	

Full name of eighth inventor, if any	
Eighth inventor's signature	Date
Residence	
Citizenship	
Mailing Address	

## ASSIGNMENT

I, Nuno Filipe Martins SILVA, a citizen of Portugal, residing at Lugar do Barreiro, lote 97, Encosta do Sardoal, 4750-001 Abade Neiva, Portugal; and

I, Andre Teixeira PUGA, a citizen of Portugal, residing at Praceta S. Tome e Principe, nº 90, hab. 5.3, 4430 Vila Nova de Gaia, Portugal; and

I, Antonio Alberto da Silva MAIA, a citizen of Portugal, residing at Rua Campo Longo, nº 7, 4465-048 S. Mamede da Infesta, Portugal; and

I, Ireneu Manuel Silva DIAS, a citizen of Portugal, residing at Rua E, 29, 1º Esq., Urbanizacao Pinhais Bastos, 4460-210 Senhora da Hora, Portugal; and

I, Agostinho José Barbosa FERREIRA, a citizen of Portugal, residing at Praceta Amorim de Carvalho, 163, 7º Dto., 4460-210 Senhora da Hora, Portugal; and

I, Filipe de Sousa PINTO, a citizen of Portugal, residing at rua da Arada, 73, 4465-048 S. Mamede de Infesta, Portugal;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

CONTINENTAL MABOR - INDUSTRIA DE PNEUS, S.A.

a Corporation organized under the laws of Portugal, located at Rua Adelino Leitao, 330, 4760-606 Lousado, Portugal (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **in and for the United States of America only** in and to my Invention entitled:

AN AUTOMATIC CONTROL AND MONITORING SYSTEM FOR SPLICE  
OVERLAPPING TOLERANCE IN TEXTILE PLY

invented by me and described in specification bearing the below Attorney Docket No. and title executed by me concurrently herewith; and International Patent Application No. .

PCT/PT2003/000012, filed August 29, 2003, in the PCT; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

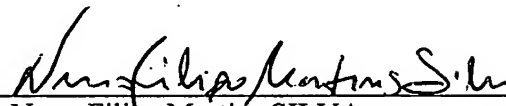
And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.


This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

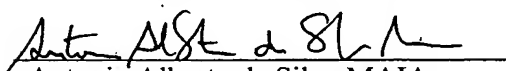
Dated: 01/03/2005

  
Nuno Filipe Martins SILVA,  
Inventor

Dated: 01/03/2005

  
Andre Teixeira PUGA, Inventor

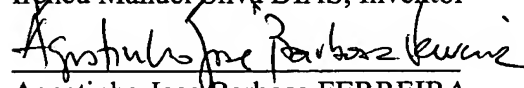
Dated: 08/03/2005

  
Antonio Alberto da Silva MAIA,  
Inventor

Dated: 08/03/2005

  
Ireneu Manuel Silva DIAS, Inventor

Date: 17 mar 2005

  
Agostinho Jose Barbosa FERREIRA  
Inventor

Date: 08/03/2005

  
Filipe de Sousa PINTO  
Inventor